

Erosion, Sediment, Illegal Discharge Control Requirements



Clearing Operations...It all starts
here



Rills



Gullies





Mud Flows



Plan Ahead

Construction Runoff

Sediment

Equipment

Trades and subs

Materials

Wastes

Run-on

Submittal of Erosion and Sediment Control Plans

- For any project disturbing, exposing, clearing, grading, or stockpiling soil
- Legal document to ensure prevention of illegal discharges

*****YEAR-ROUND*****

- Onsite and updated throughout the duration of the project

Submittal of Erosion and Sediment Control Plans

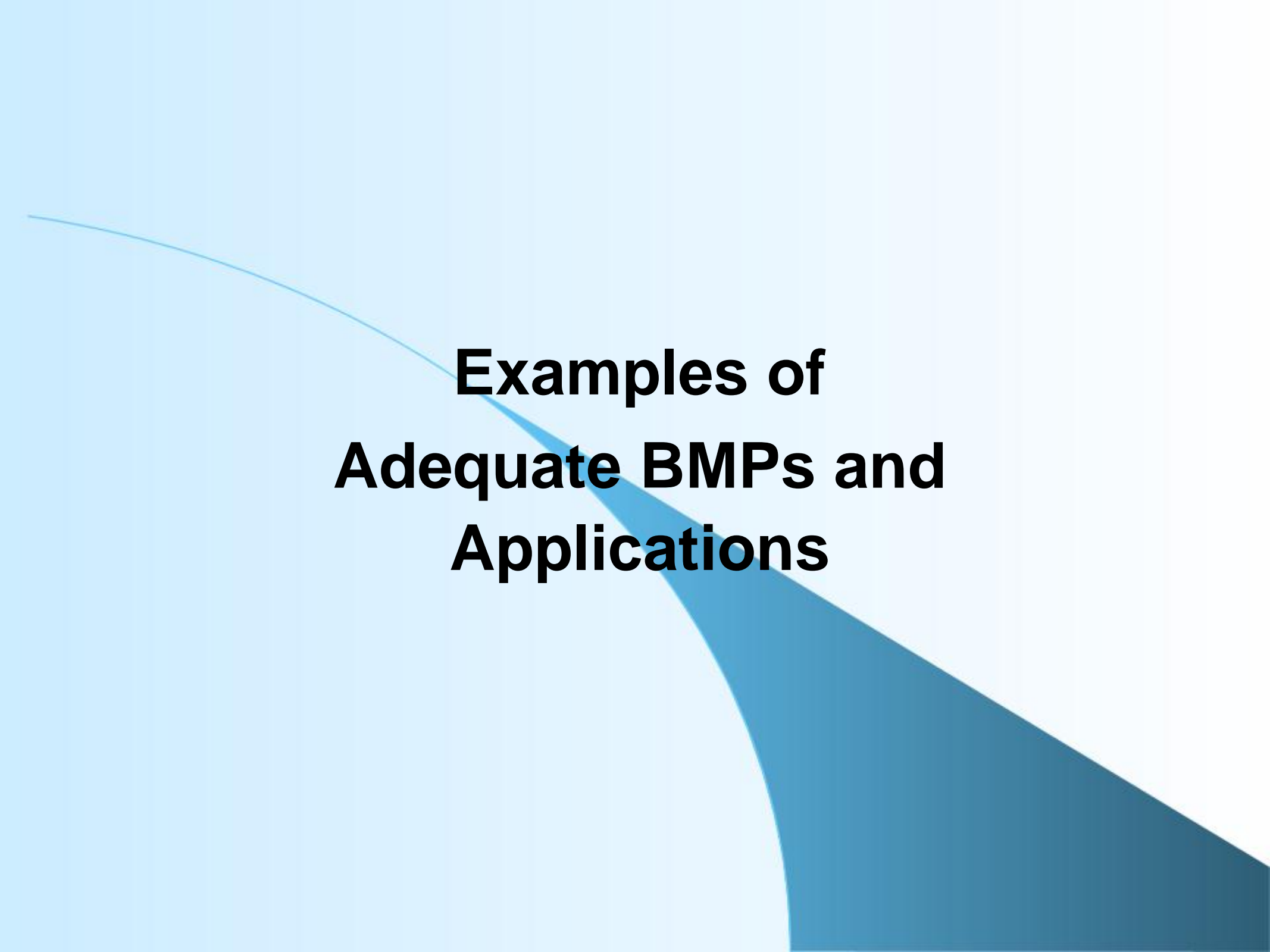
Must Include:

- Layout of all pollution prevention measures (BMPs)
 - Perimeter, interior, accesses, parkways, slopes, inlets, outlets, flowlines, material storage/waste disposal areas, equipment areas, etc.
- BMP details and specs
- Current ESC Notes
- Legend (symbol, description, and quantities of BMPs)
- Gross site acreage vs Net project disturbance

Submittal of Erosion and Sediment Control Plans

State General Construction Permit

- Any project clearing, grading, excavating
1 acre or more of soil
- Contract between Developer and SWRCB (RWQCB)
- Stormwater Pollution Prevention Plan (SWPPP)
 - Onsite and routinely updated
- Adoption of new construction permit - September 2,



Examples of Adequate BMPs and Applications

Perimeter

(straw matting, silt fence, chevrons (both sides), street sweeping)



Interior

(silt fence, hay bales, basins, spray)



Streets

(silt fence, chevrons, street sweeping)



Parkways
(mini basins)



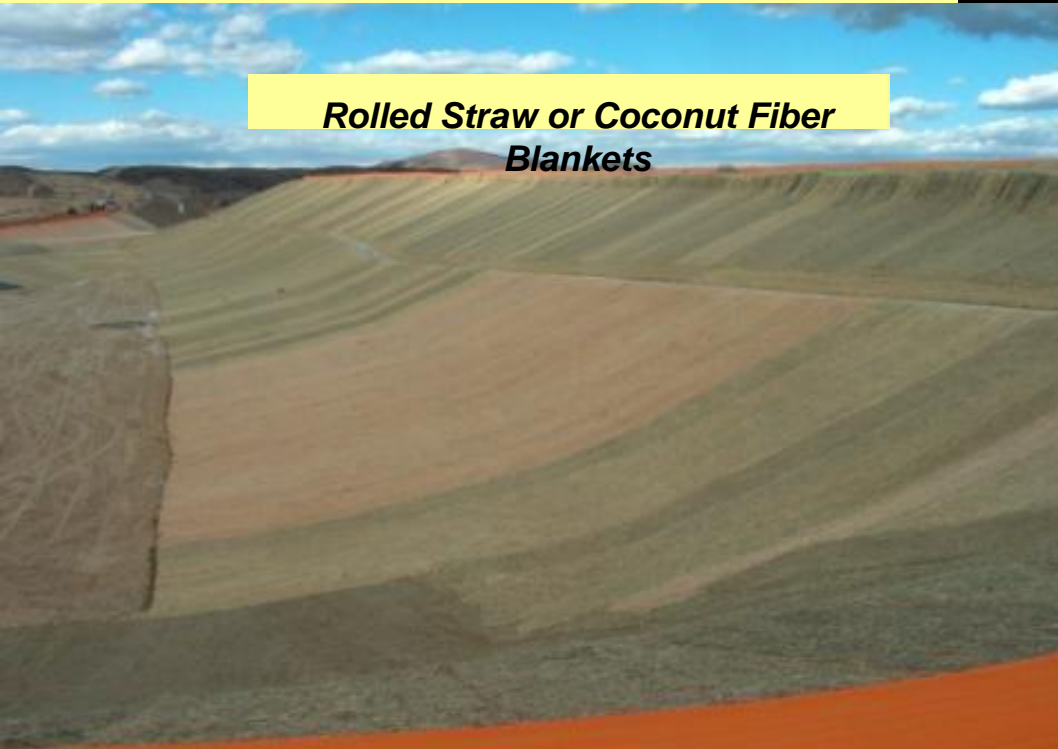
Pads

(silt fence, spray)



Slopes

***Rolled Straw or Coconut Fiber
Blankets***



***Spray-on Bonded or Stabilized Fiber
Matrix***



Temporary Vegetation, Fiber Rolls



Plastic Sheetting



Basins

End-of-pipe Basins



Dewatering Bags



Intermediate Basins



Spillways



Inlets(chevrons, filter fabric, fiber rolls)



Flowlines
(fiber rolls, matting)



Material Storage Areas

(stabilized entrance and pad, silt fence, straw matting)



Material Storage



Equipment Storage



Liquid Waste Management

***(hay bales, plastic
sheeting, mobile
washout bins)***



Bio Waste Management





Construction
Access(rock, fiber roll,
rubber strip, visual
barriers)

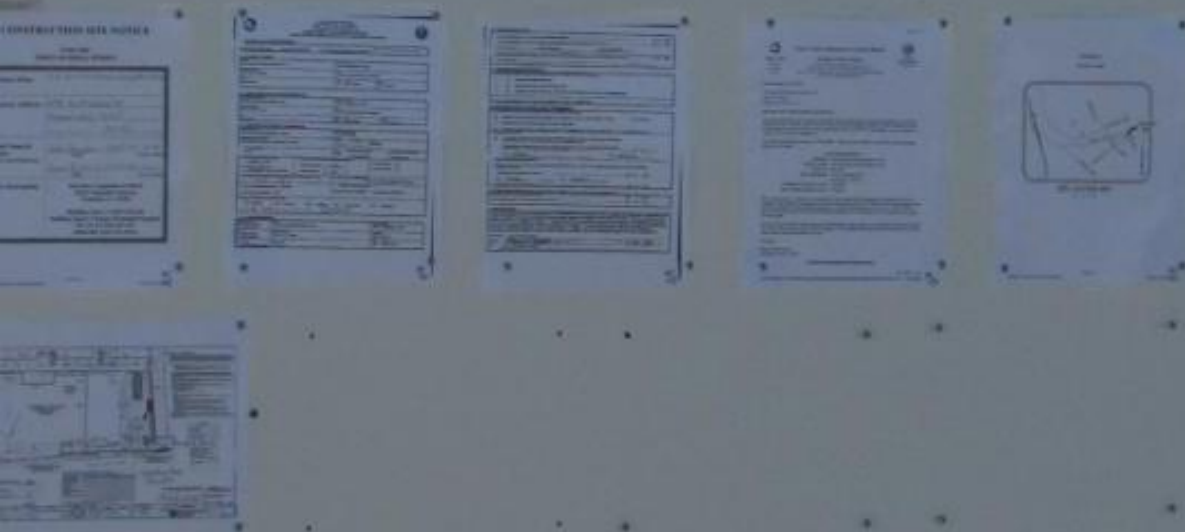


Signage

PROJECT INFORMATION

SWPPP Permit Information

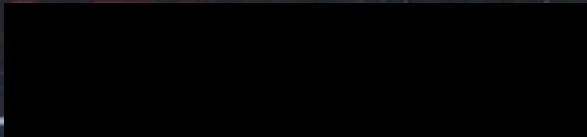
SWPPP Book, Prints, Documents Located in Job Trailer

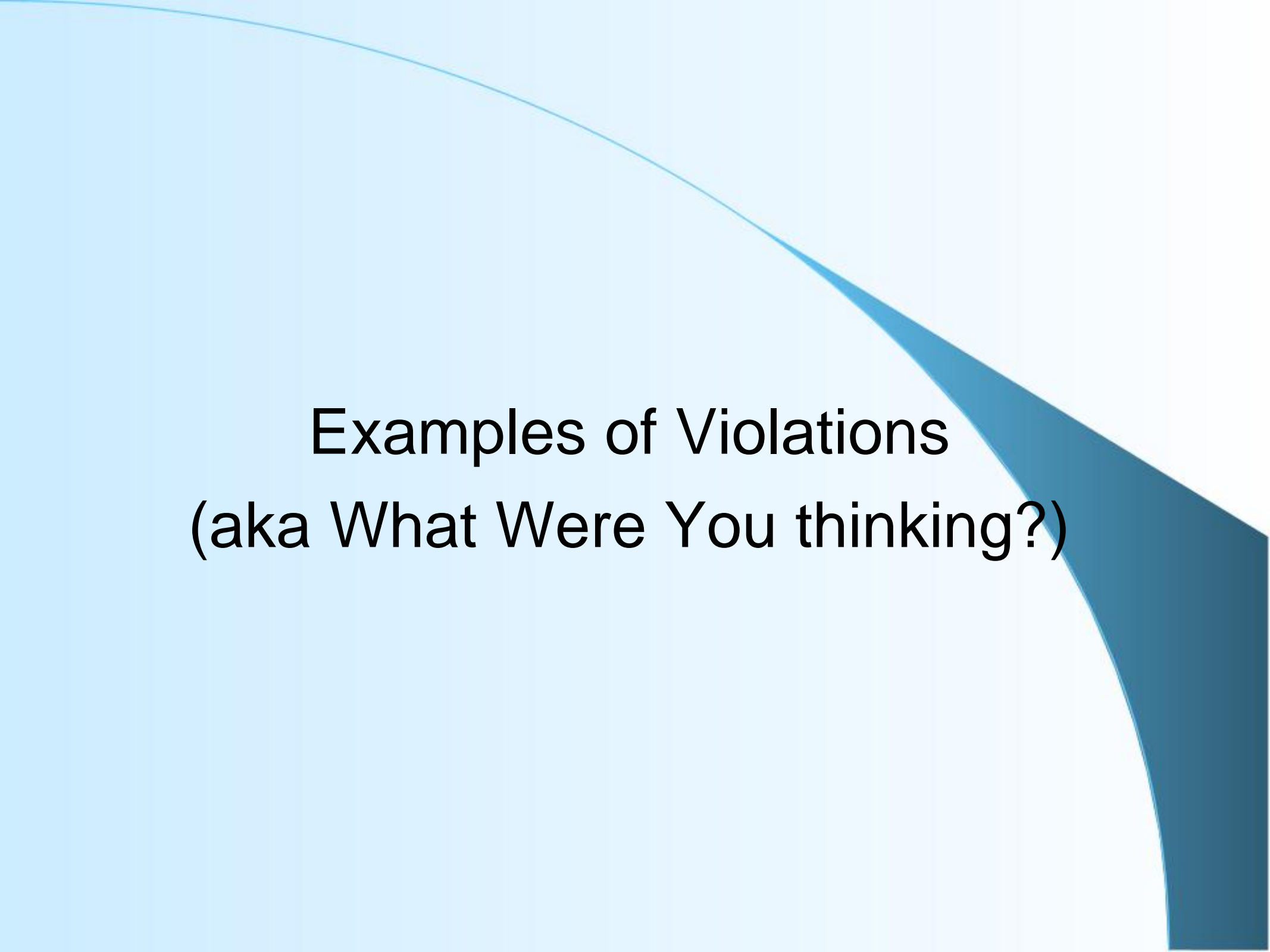


CLEAN-UP POLICY

Every Home
Every Trade
Every Day

Thank You!

A solid black rectangular redaction box is positioned at the bottom of the sign, below the 'Thank You!' text.



Examples of Violations (aka What Were You thinking?)

Slopes





Parkways





V-Ditches

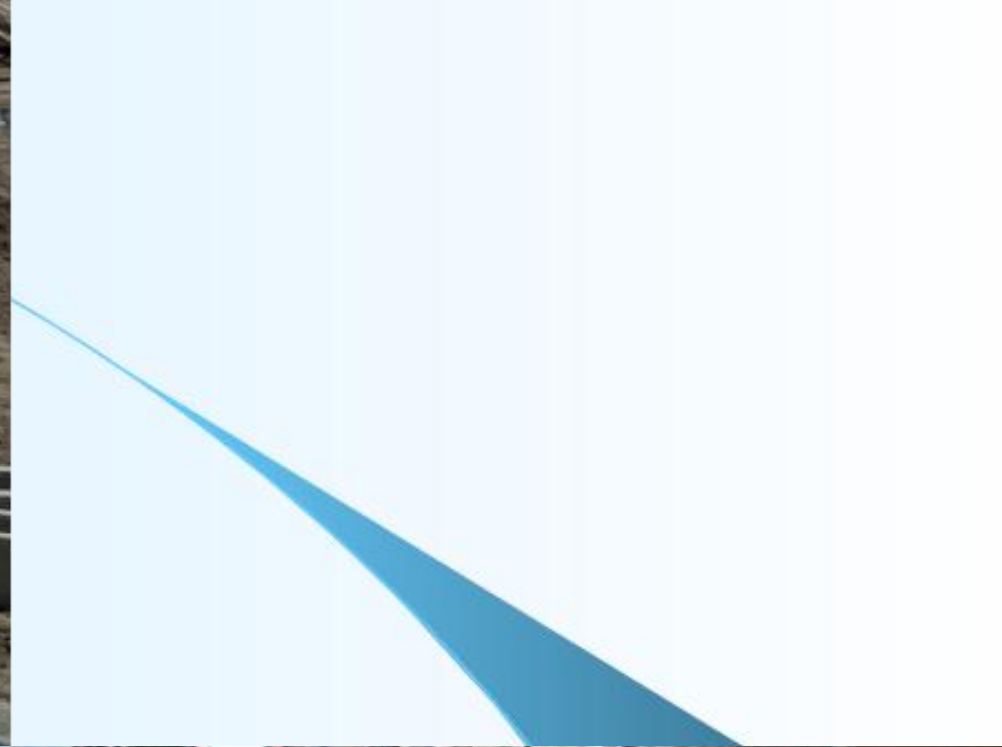


Inlets





Outlets



Flow lines



Interior





Material Storage





Equipment Storage



Spills





Liquid Waste Management



Solid Waste Management





Streets



Construction Access





Stock Piles



Washing



Track-Out

Enforcement Steps

- Verbal or Written Warning
 - NPDES Inspection Notice
- Administrative Citations
 - \$250
 - Civil Penalty \$1,000
 - Daily
- Stop Work Order
- Suspension of Business License



Requirements for Inactive Sites

“The City shall be notified if your project becomes wholly or partially inactive. A project becomes inactive when construction activities cease for seven (7) consecutive calendar days.

Inactivity requires: 1) the submittal of a BMP implementation plan to the City demonstrating current conditions and compliance throughout the expected period of inactivity, and 2) establishment of 100% vegetative coverage as the primary erosion control on all inactive areas of the project.”



Maintenance

done!(questions rs7@cityoftemecula.org

